

**Amendments to the Specification:**

Please delete the "DESCRIPTION" heading beginning at page 1, line 1.

Please replace the Title, with the following redlined Title:

PHOTOTRANSISTOR WITH SOURCE LAYER BETWEEN BARRIER  
LAYER AND PHOTOSENSITIVE SEMICONDUCTOR LAYER.

Please add, beginning at page 1, between lines 3 and 4, the following new headings:

BACKGROUND

Technical Field.

Please add, beginning at page 1, between lines 5 and 6, the following new heading:

Description of the Related Art

Please add, beginning at page 2, between lines 5 and 6, the following new heading:

BRIEF SUMMARY.

Please add, beginning at page 3, before line 1, the following new heading:

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWINGS.

Application No. 10/586,807  
Reply to Office Action dated September 11, 2009

Please add, beginning at page 5, between lines 17 and 8, the following new heading:

DETAILED DESCRIPTION.